



Earl Clymer, Mayor

# CITY OF RENTON

## FIRE PREVENTION BUREAU

Fire Marshal: Glen G. Gordon Chief: A. Lee Wheeler

### MATERIALS SPILL INCIDENT REPORT

INCIDENT ADDRESS: 800 Park Avenue North

DATE: October 4, 1989

BUSINESS NAME: Boeing Commercial Aircraft Co

TELEPHONE: 237-3493

RESPONSIBLE PARTY: BCAC

ADDRESS: P O BOX 3707 M/S 73-43  
Seattle, Washington 98124-2207

### CHEMICAL INFORMATION

TRADE NAME: Mercuric Oxycyanide

CHEMICAL NAME: Mercury Cyanide Oxide

CAS #: 1335315

### STORAGE

DRUM:        ABOVEGROUND TANK:        UST:       

TANKER:        COMPRESSED GAS:       

VEHICLE:        PRIVATE: Y N OTHER: X  
5 Ounce bottle

### CONTACTS

Reporting Individual: Ray H. Olsen

ADDRESS: P. O. Box 3707 - M/S 73-43 Seattle

TELEPHONE: 237-3493

### CONTAMINATION

SOIL:        SEWER:        ASPHALT:       

WATERWAY:        OTHER: (Specify) X

### AGENCY CONTACTED

CONTACT TIME: 1150 Hours D.O.E.        E.P.A.       

INDIVIDUAL: S.W. Etienne

ADDRESS:       

U.S.C.G.        L & I        OTHER: KC Bomb

TELEPHONE: 296-3858

CITY:        STATE:       

200 Mill Avenue South - Renton, Washington 98055 - (206) 235-2642

B-DUW2-2457590

MEDICAL INFORMATION:

INJURIES: YES \_\_\_\_\_ NO: \_\_\_\_\_

NAME: \_\_\_\_\_

MIR #: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_

NARRATIVE:

Inspector Gordon, while on detail with Boeing Fire Inspector, J. Scott, received a call of an explosive material at the south end of the 10.71 building. Upon arrival, informed that a 5 oz glass jar containing Mercuric Oxycyanide had been discovered and taken out to the south end of the building. Because of compounds volatility, area cordoned off and exits secured against use.

Engin 11, Command 11 on location with Boeing Fire. Plan established to neutralize compound through chemical degradation process as follows:

1. Evacuate building.
2. King County Bomb Squad transports material to Class A Fume hood
3. K.C. Bomb Squad removed cap.
4. Boeing Chemist G. Scherck neutralizes solution as follows:  
$$\text{Hg}_2\text{C}_2\text{N}_2\text{O} + \text{HNO}_3 \rightarrow \text{HgNO}_2 + \text{HCN (gas)}$$
$$\text{Hg}_2\text{N}_2\text{O} + \text{H}_2\text{SO}_4 \rightarrow 2\text{HgSO}_4 \text{ (precip)} + \text{HNO}_2$$
5. Second team conducted sweep of building for HCN presence.
6. Decon
7. Terminate incident.

Objectives met without incident. Decon consisted of 3 pool rinse using Tide detergent. Entry and sweep teams in Level A. Hose line back-up positioned in hallway w/1-3/4 hand line Level B and bunkers. Decon conducted in Level B. Remaining material manifested as poison B and Disposed of.

Entry:

D. Mauk  
G. Scherck  
Boeing Hazmat

Decon

Boeing Haz-Mat

Back-up

T. Frees  
Boeing Hazmat

Sweep Team

K. McInnis  
J. Ramos

"C" Shift under direction of Battalion Chief Gary Gotti.

E-11 (3) E-12 (3)

E-13 (3) A-11 (2)

CMB-11 (1) I116 (1)

Boeing Haz Mat (8)

Boeing Support (8)

Determination/Outcome: incident mitigated without mishap or injury.